

Resource Summary Report

Generated by [dkNET](#) on Aug 24, 2026

pLexAgtwy

RRID:Addgene_11345

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/11345>

Proper Citation: RRID:Addgene_11345

Insert Name: gateway cassette

Bacterial Resistance: Chloramphenicol and Ampicillin

Vector Backbone Description: Backbone Marker:see map of pLexA in "author's map"; Backbone Size:5700; Vector Backbone:pLexA; Vector Types:Yeast Expression; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: Gateway-modified yeast two-hybrid DNA-binding domain vector. Use this vector for Gateway cloning of a cDNA to be used as the bait in a yeast two-hybrid screen. This vector was modified from plasmid pLexA by placing a Gateway acceptor cassette in the SmaI site of pLexA. To facilitate subcloning of a given DNA insert into this plasmid, Gateway recombinational attachment sites should be incorporated into primers used for amplification, as outlined in the Invitrogen Gateway manual. Gateway recombinational cassettes should be added to primers as outlined in the Invitrogen Gateway manual. (Gateway is a registered trademark of Invitrogen Corporation). Please note that the "author's map" is the map of the original pLexA vector upon which pLexAgtwy is derived - it is not a map of pLexAgtwy. This plasmid is intended for use exclusively as a teaching resource as part of the Integrated Genomics Discovery-Based Laboratory Course. Addgene does not make any guarantee that the plasmid is suitable for research purposes.

Plasmid Name: pLexAgtwy

Record Creation Time: 20220422T221554+0000

Record Last Update: 20260815T080212+0000

Ratings and Alerts

No rating or validation information has been found for pLexAgtwy.

No alerts have been found for pLexAgtwy.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

K??hnle S, et al. (2018) Angelman syndrome-associated point mutations in the Zn²⁺-binding N-terminal (AZUL) domain of UBE3A ubiquitin ligase inhibit binding to the proteasome. The Journal of biological chemistry, 293(47), 18387.

Reichman R, et al. (2018) Mitotic and Meiotic Functions for the SUMOylation Pathway in the Caenorhabditis elegans Germline. Genetics, 208(4), 1421.